

Friday Oct.14, 2022 7pm
AT PACIFICON in Salon E

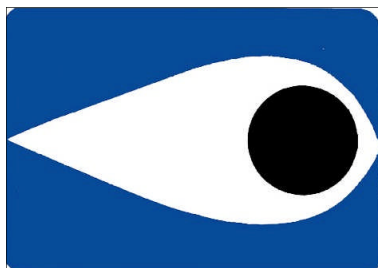
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OCTOBER 14 PROGRAM AT PACIFICON

NEIGHBORHOOD RADIO WATCH

Presented by Alan Thompson, W6WN



Since its inception in 2019, the Neighborhood Radio Watch program has helped hundreds of citizens discover the magic and power of radio, not as some novelty from a bygone era but as an indispensable, life-saving tool in the event of emergencies or disasters. There are now over 500 Neighborhood Radio Watch users in El Dorado County alone, and similar community radio programs have formed in Sonoma, Butte, Amador, Nevada and Tuolumne counties.

Surprisingly, these programs have not only benefited non-ham communities but also sponsoring clubs. In this presentation we'll cover why these community radio programs started, and how they might actually help to ensure the growth of our clubs and even shape the future of the Amateur Radio Service.

Alan Thompson, W6WN, was first licensed at age 11, and is a satellite internet field engineer. In 2018, he was part of a disaster recovery team that helped restore cell-phone service in Paradise, California shortly after the Camp Fire cut emergency communications and killed 85 people. What Alan witnessed there transformed him into an "accidental evangelist" for community fire and safety communications.

*Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement. The meeting will also be shown on the club digital amateur television repeater, which is live streamed at: <http://w6cxatv.mdarc.org/> and also live streamed on YouTube on the **Media MDARC** channel.*



OF THE MONTH

By Pete Harris, KE6ZIW

This 2009 video features Chris Drummond, W6HFP, (owner of Buddipole) setting up a **portable 20 meter vertical antenna** at the ocean's edge in Oregon. The antenna is basically an **"L" shaped half wave dipole**. Half of it (a quarter wave) is vertical, and the other half (the other quarter wave) is provided with a horizontal wire (counterpoise) that remains at least 2-3 ft above ground at all points. The video also shows how to tune the antenna with an SWR meter for resonance at roughly the middle of the 20 meter band (around 14.200 MHz), by making small adjustments to the length of the counterpoise).

https://www.youtube.com/watch?v=Ujp_N0ljFAo

In the video, a coil with adjustable turns is used as part of the vertical half to compensate for shortened element length and to make the antenna more portable.



When you purchase at Amazon dot com smile, a portion of your purchase is donated to our club.

Go to:

<https://smile.amazon.com/ch/23-7072059>

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:

<https://groups.io/g/MDARC>

Mount Diablo Amateur Radio Club W6CX
P.O. Box 23222 Pleasant Hill, CA 94523
(925) 288-1730 info@mdarc.org

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Ed Morales, KJ6KYT

Vice President - vacant

Secretary - Brian Lotter, KM6NGS

Treasurer - Gene Sylls, KG6EYE

Emergency Coordinator - Larry Loomer, KI6LNB

Directors At Large

Trevor Hall, WA6JAU Cal Vasquez, K6VT
Larry Bradley, KK6QPE Mike Warren, W6MEW

Membership Chair - Jan Kulisek, KM6NFC
mdarcmembership@mdarc.org

PACIFICON 2022

Chair: Julie Mah, WJ8MAH

Registration: Debbie Deeble, KN6DOM

Treasurer: Jim Siemons, W6LK

Secretary: Jeff Mah, N8MAH

COMMITTEE CHAIRS AND COORDINATORS

Annual Auction - Jim Siemons, W6LK

Communications Trailer - Mike Warren, W6MEW

Communications Van MDARC-1 - Jim Tittle, K6SOE

Digital Media - Mike Patterson, N6JGA

Education & Training - John Primus, AF6RJ

Field Day - Larry Loomer, KI6LNB

Good & Welfare - Diana Sage, KA6TZU

Holiday Dinner - Misa Siemons, KJ6BUE

License Testing - Larry Loomer, KI6LNB

Outreach - Dick Wade, WM6G

Public Service - Larry Loomer, KI6LNB

Radio Equipment Lending - Cal Vasquez, K6VT

Refreshments - Elizabeth Styles, KG6HLV

Repeater Trustee W6LGW - Larry Loomer, KI6LNB

Repeater Trustee W6CX - Jim Tittle, K6SOE

Scholarship - Janice Fujii, KG6VTD

Technical Committee - Jim Tittle, K6SOE

The Carrier Newsletter

Editor - Matthew G. Vurek, N4DLA
n4dla_cs245@yahoo.com

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Printing & Distribution - Jan Kulisek, KM6NFC

Amateur Television Help and Information:

Fred Coe, WB6ASU wb6asu@icloud.com

President's Message

PACIFICON Memories



PHOTOS BY N4DLA



All photos taken at the Marriott Hotel, 2800 Bishop Drive, San Ramon, California, October 16, 2010

Clockwise from top left: WA3CEX's beautifully restored 1964 Ford Econoline van in its original role as a Collins Radio Company mobile display. The van's interior complete with a Collins S Line, Instructor Extraordinaire Gordon West, WB6NOA. The displays for Alinco and Icom inside the Marriott Hotel exhibit hall. San Ramon Valley Fire District's communications support 131.



On Friday October 14th, PACIFICON 2022 will begin in San Ramon, CA. I have only been to a handful of the conventions and mostly over the last few years. I never attended when it was held in the South Bay. I think back to my first time going to the convention. I went to San Ramon in 2010 with a Martinez neighbor. We went together to take the Technician exam.

I had just completed the Technician class sponsored by MDARC and held in Concord at the Salvation Army facility.

I recall it was a Saturday morning when my neighbor and I rode down together to the San Ramon Marriott. I was very nervous of course. I had been to dozens of conferences and conventions related to my profession (environmental risk management). But never to a radio convention. And I was anxious about taking the exam. We were not planning to attend any sessions or hang around. We came to take the exam and leave.

I remember sitting for the Technician exam with pencil in hand and calculator ready. I passed the exam and was asked if I wanted to take the General exam. Of course, I said sure. I did not pass the General.

But that was alright with me. I accomplished what I came to do. I received a Technician license and began my journey into ham radio. My neighbor passed the Technician exam as well.

We did stick around the convention for a little while and took in the scene. After a while, my neighbor and I jumped back in the car and went back home to Martinez.

That was twelve years ago. Today I hold the Amateur Extra license and I am club president. Looking forward to seeing you all at PACIFICON 2022.

73,
Ed Morales, KJ6KYT MDARC President



Nominations are open for the following club leadership positions in 2023:

Officer	Term (years)
President	1
Vice President	1
Secretary	1
Treasurer	1
Emergency Coordinator	1
Two Directors at Large	2

Members who want to nominate a candidate for office please contact one of the following Election Committee members:

Larry Bradley, KK6QPE kk6qpe@gmail.com

Dick Wade, WM6G dickwade146@gmail.com

Pete Harris, KE6ZIW pharris125@comcast.net

WE NEED YOU...



TO VOLUNTEER AT PACIFICON !

Pacificon is a great ham radio convention put on by our own club. Planning is mostly complete, as the convention is only days away. However, there is still a huge need for volunteers to help with attendee registration. The most critical needs are 2-hour shifts:

Friday 7:00am-9:00am, 9:00am-11:00am, 11:00am-2:00pm

Saturday 6:00am-8:00am, 10:00am-12:00pm, 12:00pm-2:00pm

Remember, if you are attending Pacificon and you work two 2-hour shifts, you can request that your badge fee of \$25 be refunded. If you are not planning to attend Pacificon but would be willing to volunteer some of your time, please contact me directly by email at pacificon.reg@gmail.com and I will have a badge waiting for you at the Registration Desk.

Thank you very much for your consideration and hope to see you there!

———- *Debbie Deeble, KN6DOM*

PACIFICONSM 2022



Saturday Breakfast
with Gordon West

All Day Friday
Antenna Seminar

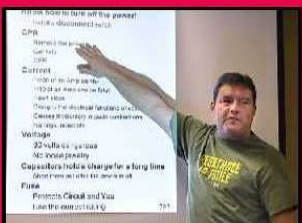
Scout JOTA-JOTI &
Merit Badge Class



Latest
Ham Radio
Equipment for Sale

Ham License Testing

One Day Technician
& General License
Prep Classes



ARRL PACIFIC DIVISION HAM RADIO CONVENTION

Pacificon comes back strong!!

Produced by the Mt. Diablo Amateur Radio Club

October 14, 15 & 16, 2022
San Ramon Marriott
2600 Bishop Drive
San Ramon, California 94583

**GENERAL ADMISSION:
\$25 IN ADVANCE - FOR ALL 3 DAYS!**

*Tickets at the door will cost \$30; 17 years old & under are free;
College Students with valid student ID (25 & under): \$5*

*** Some events have additional cost ***

If you need hotel accommodations
either call Marriott Hotel Reservations at
925-867-9200 by Sept 21, 2022 (per availability)
to ask for the Special Pacificon rate of \$152/night,
or reserve your room on-line at www.pacificon.org

**Go to the Pacificon Website for
Events - Schedules - Registration
WWW.PACIFICON.ORG**

*** Events are subject to change – check website **
See current COVID-19 safety measures on website*



Outstanding
Technical Forums

Sunday
Swap Meet

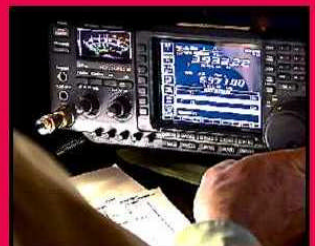
Electronics
Kit Building



Saturday Banquet
with Keynote Speaker
Dr. Seth Shostak

Gordon West's
Ham Instructor Academy

Get-On-The-Air
Special Events Station





DIABLO SUMMIT STOMP

30K / HALF MARATHON / 10K / 5K - MOUNT DIABLO
OCTOBER 22, 2022

Amateur radio operators are needed to provide situational awareness and emergency communications for the Diablo Summit Stomp running race on Saturday, October 22, 2022. The race starts at Castle Rock Park in Walnut Creek and up to the top of Mount Diablo and then back to Castle Rock Park.

There will be a Zoom meeting on Thursday, October 20, 2022. This non-mandatory meeting is set up to get last minute questions answered, and to receive explanations of information in the last information packet that was issued just before the race. The link to the Zoom meeting will be issued with an information packet.

The event will start with a non-mandatory amateur radio operator check-in at a parking lot outside of Castle Rock Park at 6:30 AM. Operators will be briefed by net control. This meeting will give all support participants training and an update on the day's activities. We will do a radio check and then proceed up the mountain to our assigned locations on scenic Mount Diablo.

Those operators that know how to find their assignment location on the mountain may go directly to their locations. A time table for when the first runners are expected to arrive at or near each location will be provided, so that the hams may go directly to their assignments on the mountain in a timely manner.

After the race we will gather at Castle Rock Park for free volunteers' and participants' snacks and ice cream.

Already signed up are: Charles K3CMK, Gene KG6EYE, Barb K6WHY, Bill N6SGT, Larry KK6QPE, Sean KM6NGN, The Lee Family KA6TIM, Eoin KK6Q, and John KM6ZJT.

If you would like to join in on this ham radio activity, and on the fun and the free lunch offered at this activity, please confirm your interest by sending an email to Larry Loomer, KI6LNB, at [<larylloomer@yahoo.com>](mailto:larylloomer@yahoo.com) to be placed on the amateur radio operator roster.

If you would like to receive an event T-shirt, notify Larry at [<larylloomer@yahoo.com>](mailto:larylloomer@yahoo.com) by Tuesday, October 18, 2022, to be guaranteed to get a T-shirt.

Please indicate your years of experience level with public service events: 0 – 1, 2 – 4, or 5+

Thank you for your interest in joining us for this event.

Larry Loomer, KI6LNB
MDARC Emergency Coordinator



Rai\$ing Money for MDARC

By Rich Lueck, K6REL

MDARC like other organizations, is constantly trying to raise money. As you know, in the world we live in, that's harder than ever.

So here's an easy funding source for MDARC plus a tax benefit for member donors. Perhaps you didn't know MDARC is a partner of the Clayton Valley/Concord Sunrise and Lamorinda Rotary Clubs vehicle donation program www.Cars2ndChance.com - Cars2nd-Chance accepts donations with title running or not. Cars, boats, motorcycles, RV's etc....

The Rotary program is run entirely by volunteers so the money raised goes to our charity 501 c3 partners split 50/50. **We don't pay for annoying jingles on TV or radio commercials.** Our admin costs ARE NOT 85% of the donations (leaving what's left for recipients).

Do you need to unload an extra vehicle? Here's how it works: **Find the vehicle's title.** *You do have to own the vehicle* even though you would like to donate the neighbor's dead car that's been on their front lawn for 5 years. ;>)

Go to www.Cars2ndChance.com Enter your name and email address and click Next.... From the Orange drop down select MDARC then complete the vehicle information. Please fill in each field completely. The form is secure and we do not share your personal information. Upon receipt, we will process your form according to the order received. Please allow 2 to 3 business days for processing. Upon acceptance, we will contact you to arrange a convenient pick up time. There is no fee for towing your vehicle, running or not. This program is not just in the San Francisco Bay Area.

Cars2ndChance contact number: 925-326-5868



Board of Directors Meeting Minutes July 11, 2022

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:00 pm by Ed Morales, KJ6KYT after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shot: **Officers:** Ed Morales, KJ6KYT, President; Brian Lotter KM6NGS, Secretary; Larry Loomer, KI6LNB, Emergency Coordinator; Larry Bradley KK6QPE, Director at Large; Mike Warren W6MEW, Director at Large; Trevor Hall W6JAU, Director at Large; Cal K6VT, Director at Large.

Committee Chairs/Coordinator: Mike Patterson N6JGA; Jim Tittle K6SOE; Jan KM6NFC.

Guests: Dave W6UHA; Bob K6GD; Scott KN6UTO; Marilyn Warren.

3. Approval of Minutes from Last Meeting: Larry KI6LNB pointed out that section 8 s. should read fire trails not fire tails and a missing apostrophe in Our Savior's Lutheran Church under section 9. Mike W6MEW, proposed a motion to approve as amended. The minutes of the June 2022 meeting were approved as amended.

4. Adopt Tonight's Agenda: The agenda for this meeting was approved.

5. Officer Reports:

- a. President Ed Morales, KJ6KYT – Had no report.
- b. Vice-President (Vacant) – No report.
- c. Secretary Brian KM6NG – Had no report.
- d. Treasurer Gene Sylls, KG6EYE – sent his report via email.

6. Emergency Coordinator Report: Larry KI6LNB stated that he is signing himself up for use of the repeater for the August 7th Skyline 50 K race.

7. Directors at Large Reports:

Mike Warren W6MEW – Had no report.
Trevor Hall W6JAU – Had no report.
Larry Bradley KK6QPE – Had no report.
Cal Vasquez K6VT – Not present at this time.

8. Committee Reports:

- a. Auction: Mike W6MEW reported that we made just under \$5,000 as opposed to last year when we made just over \$1,000.
- b. Communications Trailer: Mike W6MEW reported that the trailer was taken to Field Day.
- c. Digital Media: Mike Patterson N6JGA had no report.
- d. Education and Training: John AF6RJ sent his report by email. Larry KK6QPE reported that he and John AF6RJ will be meeting with the Odd Fellows officials to discuss rental possibilities for next year.
- e. Election Committee: No report was expected
- f. Field Day: Larry KI6LNB reported that he had sent a full report to Matthew N4DLA for publication in the Carrier, and then mentioned a few highlights.
- g. Holiday Banquet: This was tabled for later in the meeting.
- h. License Testing: Larry KI6LNB reported that there will be license testing at the General Meeting on Friday July 15th and that he has had 7 or 8 inquiries due the notice posted on the ARRL website.

***The August 2022
Board of Directors
meeting was canceled***

(Continued on following page)

j. Membership: Jan KM6NFC reported that he had sent 122 reminder emails for overdue membership fees but that there is still some confusion in the database as to who are members and who are family members. Some members who paid their dues towards the end of last year instead of the end of the previous year, think that they have paid for this year. Next month, he is planning to send a draft of the directory to the board for approval. Jan added that he is currently working in a MDARC payment gateway that will take care of all payments to MDARC including payments for PACIFICON.

k. Mesh Committee: Mike W6MEW commented that John KM6ZJT had used MESH to provide the internet connection for his VOIP demonstration at Field Day. There are no new nodes, but a number of Delta Club members from east county, are very interested. They are still looking to get a high-level node out here.

l. Outreach: Dick Wade WM6G was not in attendance.

m. PACIFICON: Mike N6JGA reported that there was nothing new to talk about. Cal reported that Laura from Hip Ham T-shirts had contacted him to let him know that her website for Pacificon 2022 is live.

n. Program: Ed KJ6KYT had no report. o. Radio Lending Library: No report was expected

p. Rocky Ridge Repeater (Tech.): Jim Tittle K6SOE reported that the catalytic converter of the van has been replaced for \$638.73 due to the assistance of Steve KJ6ULV. He is still working on the procurement of a new weather station for North Peak

q. Scholarship: Janice Fujii, KG6VTD - No report was expected r. 75-year Celebration Committee: Barb K6WHY was not present.

s. Public Service: This was covered under item 6 above.

9. Future Meetings:

MDARC General Meeting 7/15/22, at Our Savior's Lutheran Church, with Zoom option. Board Meeting 8/1/22 on Zoom only.

10. Unfinished Business:

10.1 Storage location for donated radio equipment, manuals and literature: Dick Wade WM6G was not present.

10.2 Status report on revising Membership database for processing and tracking payments, status, etc.: Jan KM6NFC covered this in 8 j. above.

10.3 75th year celebration: Barb K6WHY was not present.

10.4 Document Retention Program: Brian KM6NGS reported that he had received a nicely formatted hard drive from Mike W6MEW but that no new documents had been received up to now.

10.5 Program Committee: Ed KJ6KYT had nothing new to report on this issue.

10.6 Weather Station Upgrade: This was covered by Jim K6SOE in section 8 p. above.

10.7 Financial Audit for 2022: Ed reported that this has been postponed to late this summer due to a medical procedure.

10.8 South Peak contract and Move to North Peak: Jim K6SOE reported that he is still collecting prices. He will arrange to collect some ½ inch co-ax from Wiley Sanders at the Red Cross.

10.9 Disposition of old radio equipment from South Peak: Trevor hasn't found a way to dispose of the equipment but this section will be removed from Unfinished Business.

10.10 Looking for ideas to engage Zoom audience during General Meetings: Larry KK6QPE sent a proposal for getting participation from the Zoom audience. A number of possibilities for getting responses from the Zoom audience were discussed as well as ways to collect money for participation. Ed KJ6KYT said that he would forward Larry's email to the board so that there could be further discussion on this issue.

11. New Business:

11.1 Holiday Banquet: Ed KJ6KYT reported that a number of people at Field Day had asked him about this and that we need to determine who is, or will be doing what, for the banquet in case we actually have a banquet this year. He called for volunteers and will take on the task of getting things moving on this.

12. Adjournment:

Mike W6MEW, seconded by Larry KK6QPE, proposed a motion to adjourn. All members voted in favor. Meeting Adjourned at 8:15 pm.

Respectfully submitted by Brian Lotter, KM6NGS, Secretary, on July 24, 2022

These meeting minutes were signed digitally due to the digital meeting.

General Meeting Minutes August 19, 2022

Held as hybrid in-person and Zoom meeting.

1. **Call to Order:** The meeting was called to order at 7:00 pm by the MDARC President Ed Morales, KJ6KYT.

- a. Pledge of allegiance: The pledge of allegiance was made.
- b. The President welcomed all attendees and indicated the location of exits and restrooms.
- c. Acknowledge new members: No new members attended the meeting.
- d. Acknowledge visitors: There were no visitors.

2. **Approval of Minutes from the Last Meeting:** The July minutes were approved.

3. Officer Reports:

- a. The President: Ed, KJ6KYT asked for proposals for speakers for our 2023 general meetings.
- b. The Vice President position is currently open.
- c. The Secretary had no report.
- d. The Treasurer: Gene KG6EYE, presented the July monthly report;
MDARC checking account \$31,415.93, MDARC savings account \$28,386.14, Total MDARC checking/savings \$59,802.07, Equipment self-insurance fund \$58,964.34, PACIFICON checking account \$31,415.93, Total account balances \$150,182.34.
- e. The Emergency Coordinator was not present at this time.
- f. Directors at Large had nothing to report.

4. Committee Reports – Standing:

There was only 1 committee report.

- a. Membership: Jan, KM6NFC, reported that there are 277 paying members and a total of 296 including family members, 24 new members, and 11 honorary members. Ed added that there is a QSO party on SSB phone tomorrow and that details are in the ARRL weekly newsletter.

5. Unfinished Business:

There was no unfinished business.

6. New Business:

There was no new business.

7. **Adjourn Business Meeting:** The business portion of the meeting was adjourned at 7:11 pm.

At this point, Ed KJ6KYT introduced Alan Biocca, W6AKB who made a presentation “3D Printing for Ham Radio.”

Respectfully submitted by
Brian Lotter, KM6NGS
Secretary, on September 13, 2022.



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FT-891 | HF+50 MHz All Mode Mobile Transceiver

Rugged Construction in an Ultra Compact Body • Stable 100 Watt Output with Efficient Dual Internal Fans • 32-Bit IF DSP Provides Effective and Optimized QRM Rejection • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control



FTM-300DR | C4FM/FM 144/430MHz Dual Band

- 50W Reliable Output Power • Real Dual Band Operation (V+V, U+U, V+U, U+V) • 2-inch High-Res Full Color TFT Display • Band Scope • Built-in Bluetooth • WIRES-X Portable Digital Mode/Fixed Mode with HRI-200



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- Massive heatsink guarantees 80 watts of solid RF power • Loud 3 watts of audio output for noisy environments • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FT-818ND | HF/6M/2M/440 All Mode Portable Xcvr

- Ultra-Compact/Portable • Multi-Color Easy to See LCD • 208 Memory Channels/10 Memory Groups • Built-in Electronic Keyer • Internal Battery Operation Capability • Two Antenna Connectors • Built-in High Stability Oscillator ± 0.5 ppm



FTM-400XD | 2M/440 Mobile

- Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band

FT-70DR C4FM/FM 144/430MHz Xcvr

- System Fusion Compatible • Large Front Speaker delivers 700 mW of Loud Audio Output • Automatic Mode Select detects C4FM or FM Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for DC Supply and Battery Charging



FT-5DR C4FM/FM 144/430 MHz Dual Band

- High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-In Bluetooth® Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot

FT-65R | 144/430 MHz Transceiver

Compact Commercial Grade Rugged Design • Large Front Speaker Delivers 1W of Powerful Clear Audio • 5 Watts of Reliable RF Power Within a compact Body • 3.5-Hour Rapid Charger Included • Large White LED Flashlight, Alarm and Quick Home Channel Access



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NEW CASTLE, DE
(800) 644-4476

SALEM, NH
(800) 444-0047

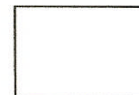
WWW.HAMRADIO.COM

Contact HRO for promotion details. Toll-free including Hawaii, Alaska and Canada. All HRO 800-lines can assist you. If the first line you call is busy, you may call another. Prices, specifications and descriptions subject to change without notice.



The Carrier

Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523
www.mdarc.org



THIS MONTH:

FIRST CLASS



<https://www.facebook.com/mdarc.org>

W6CX Nets

M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+

M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+

Monday 8:00 pm SATERN Net 147.060+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+

Wednesday 7:00 pm SKYWARN Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters

147.060 MHz + / PL 100Hz

224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

EchoLink: W6CX-R/133896, IRLP: 3057

DMR Repeater 144.925 offset plus 2.5 MHz color code 1

D-STAR 145.000 offset plus 2.5 MHz

<https://w6cx.dstargateway.org/>

DATV Internet Stream: <http://w6cxatv.mdarc.org/>

YouTube Channel: **Media MDARC**

Contra Costa County Emergency Communications Nets Every Thursday

6:35 pm HF Countywide 3.893 MHz LSB

6:45 pm West County 145.110-- (82.5 PL)

7:00 pm Central County 145.680 Simplex

7:00 pm East County 146.535 Simplex

7:00 pm South County 147.480 Simplex

7:20 pm Countywide 145.490-- (107.2 PL)

or 147.735-- (107.2 PL)

or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)

Wednesday 8:00pm 147.405 Simplex

Digital Amateur Television Repeater

Digital ATV Output: 1244.500

Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0

Analog ATV Input: 1270.000 FM (PL 192.8)

October and November 2022 Club Calendar

Friday October 14, 2022 7:00pm **MDARC General Meeting AT PACIFICON Marriott Hotel, 2600 Bishop Drive, San Ramon Salon E - Also available on zoom.us via link sent from groups.io or watch on DATV repeater**

Saturday November 5, 2022 8:00am MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE

Monday November 7, 2022 7:00pm MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE

Friday November 18, 2022 7:00pm MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette